

# *Gasoline Cars & Trucks*



John Gorgol  
Workgroup Leader  
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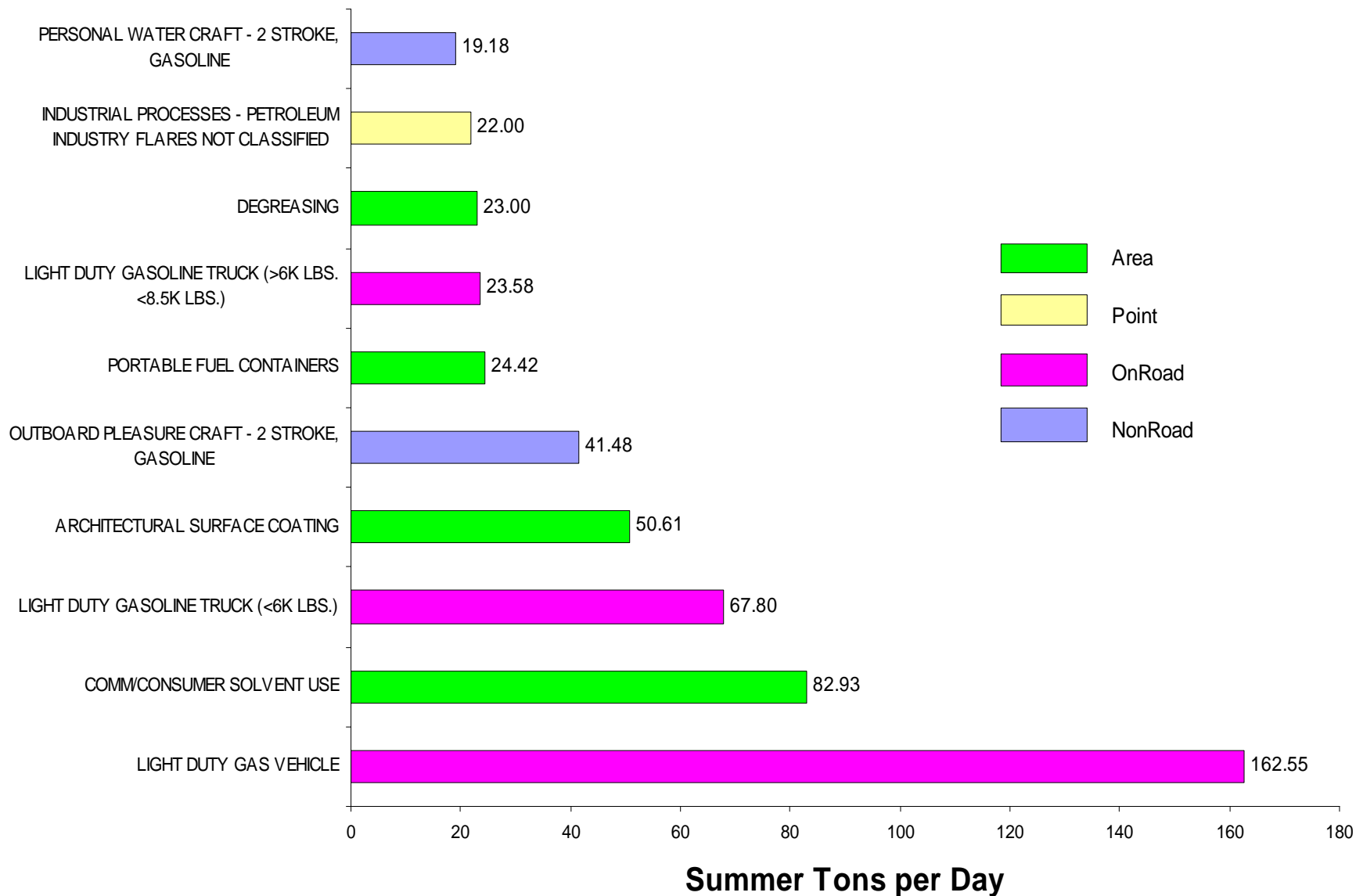
# Workgroup Description

- Evaporative and Exhaust Emissions
  - Light Duty Gasoline Vehicles (Passenger Cars)
  - Light Duty Gasoline Trucks (SUVs, Pick-ups)
  - Heavy Duty Gasoline Vehicles (>8,500 lbs.)

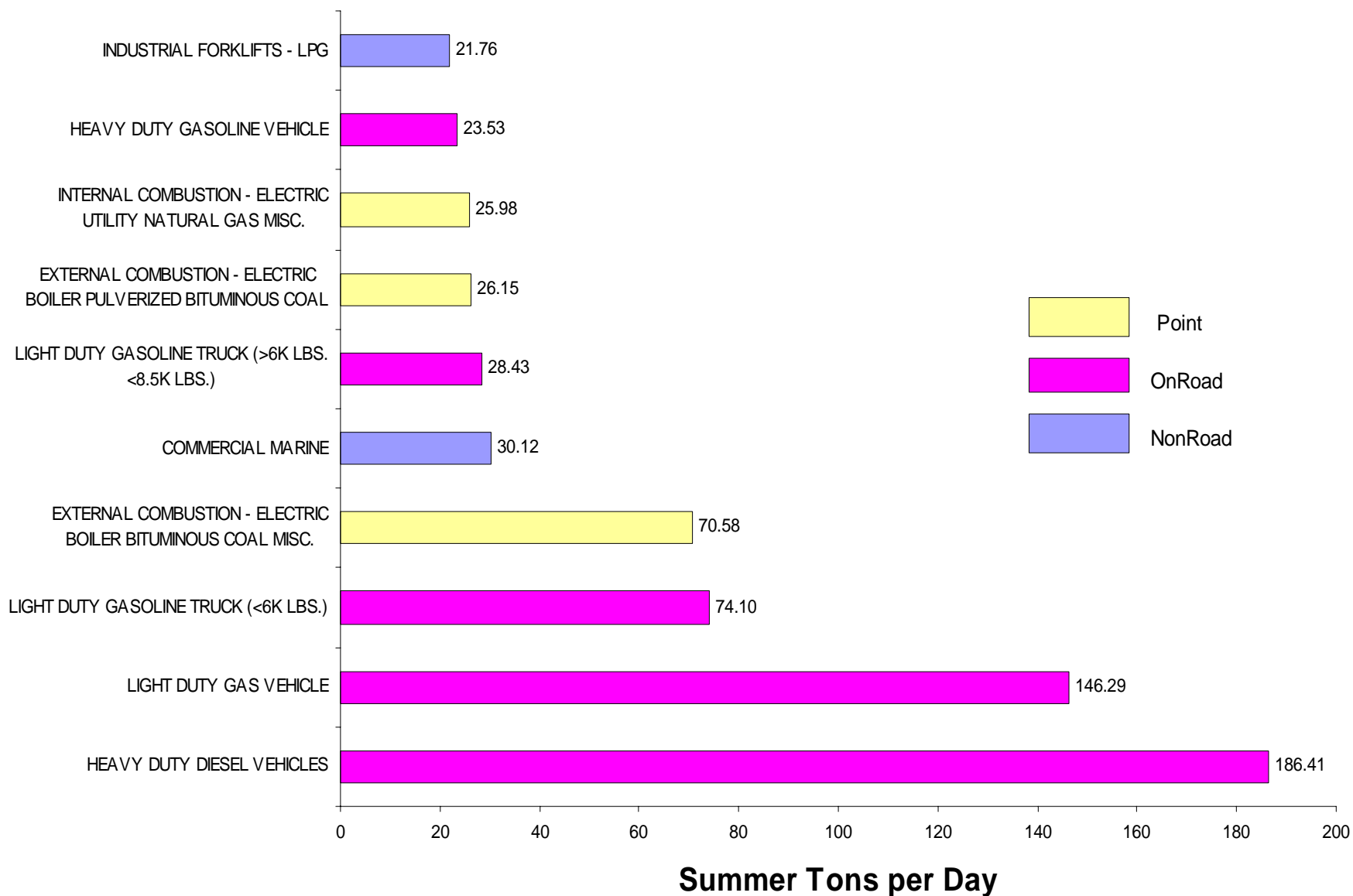
# Why is New Jersey Interested in this Category?

- Significant source of Ozone precursor emissions in 2002
- These sources responsible for ~1/3 of annual anthropogenic emissions of VOC and NO<sub>x</sub>
- VOC and NO<sub>x</sub> are also PM precursors

## DRAFT 2002 New Jersey VOC Emission Inventory Top 10



## DRAFT 2002 New Jersey NO<sub>x</sub> Emission Inventory Top 10



# Current and/or Planned New Jersey Controls for these Sources

- New vehicle emission standards
  - Stringent Federal Tier 2 began with 2004 models
  - NJ Statute to adopt California new vehicle standards
  - NJ Inspection/Maintenance Program
    - Biennial emissions testing
- NJ Clean Fleets Program for State fleets
- Transportation Control Measures (TCMs)
  - NJDOT's Smart Moves Program provides support for voluntary programs

# What Other States Are Doing

- California
  - Voluntary repair assistance and accelerated vehicle retirement programs
  - Hydrogen Highway Program
- Texas
  - Rebates for purchase of low-emitting vehicles
  - Speed limit reductions (70/65 by 5 mph)
- New York City and Philadelphia Regions
  - Expansion of Ozone Action Days programs

# Workgroup Charge

- Goal: Identify and assess potential measures to reduce VOC/NO<sub>x</sub> emissions from light duty cars, SUVs and trucks.
- Charge
  - Brainstorm measures to reduce emission rates or reduce vehicle travel
  - Consider effectiveness, costs, feasibility and implementability
  - Document conclusions



# State Team Members

- John Gorgol - Workgroup Leader, NJDEP
- Jeff Cantor - Facilitator, NJDEP
- Rob Schell - NJDEP
- Rich Janiak - NJDEP
- Bob Miller - NJDOT
- Sudhir Joshi - NJDOT
- Tom Bednarz - NJMVC